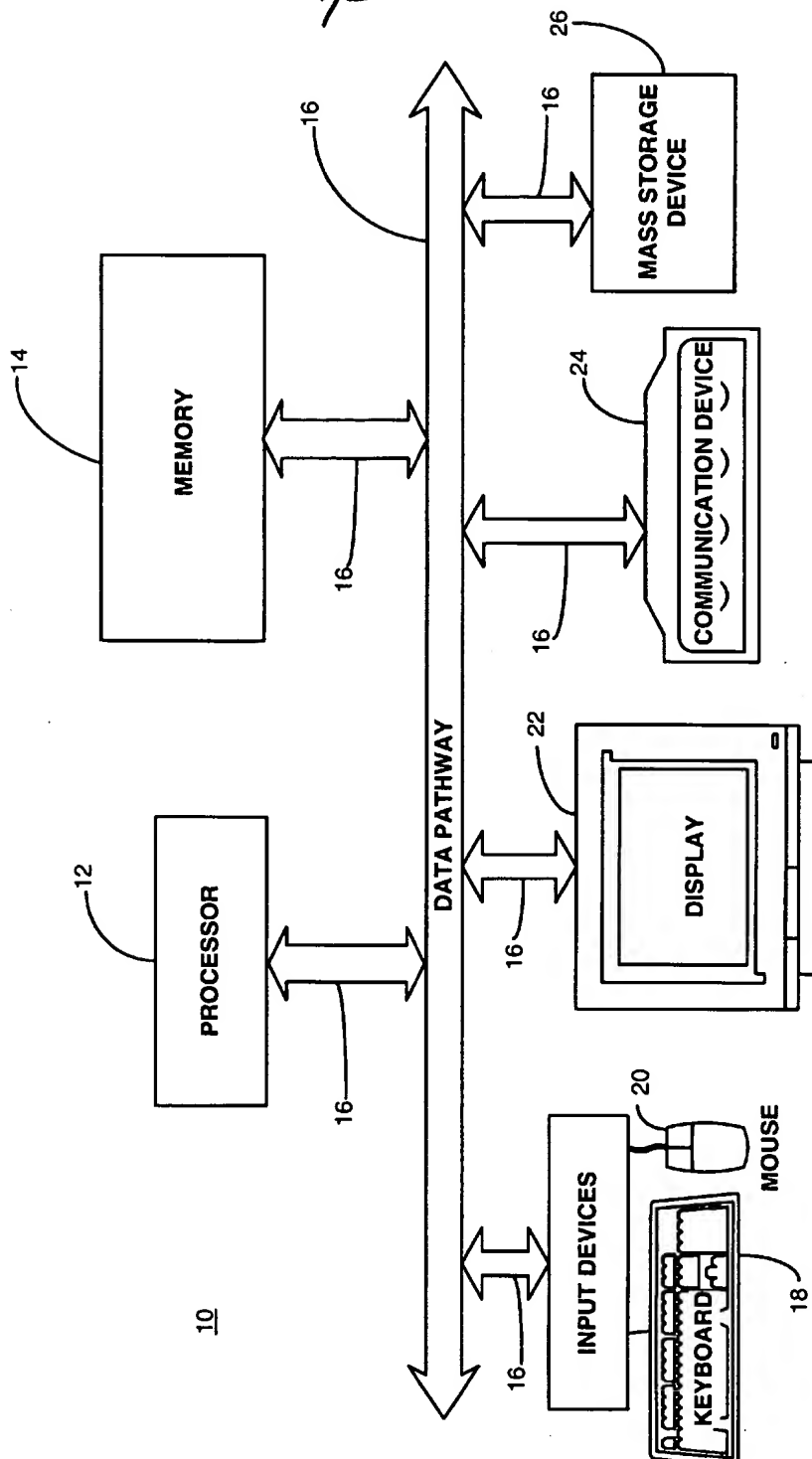


## Figures

09681652.051601

Fig. 1



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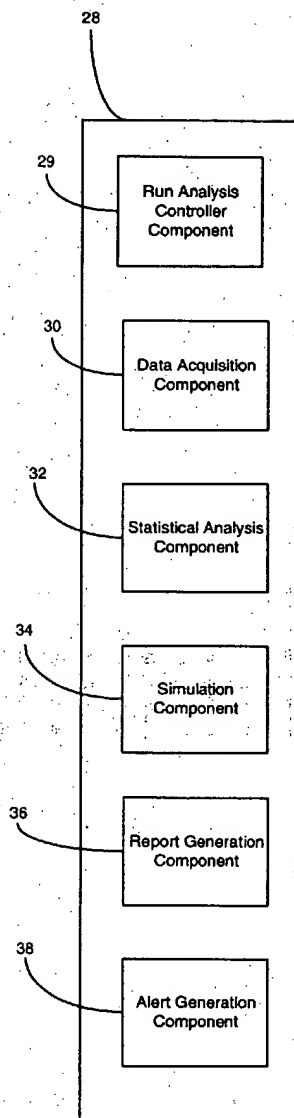


Fig. 2

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40

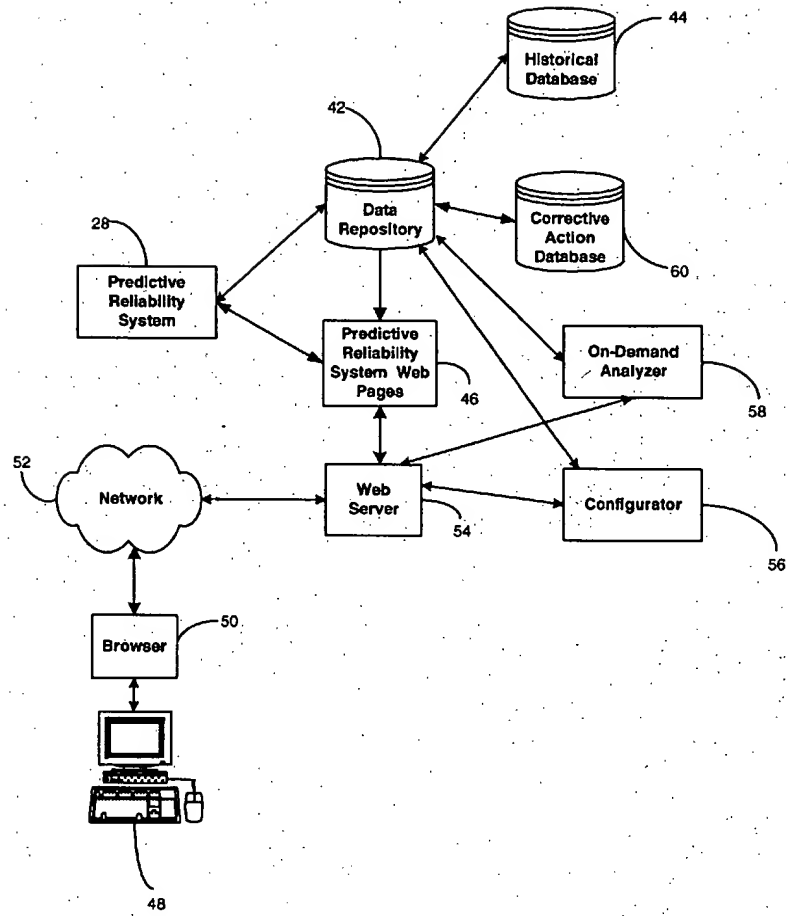


Fig. 3

09681650-051601

105681652.051601

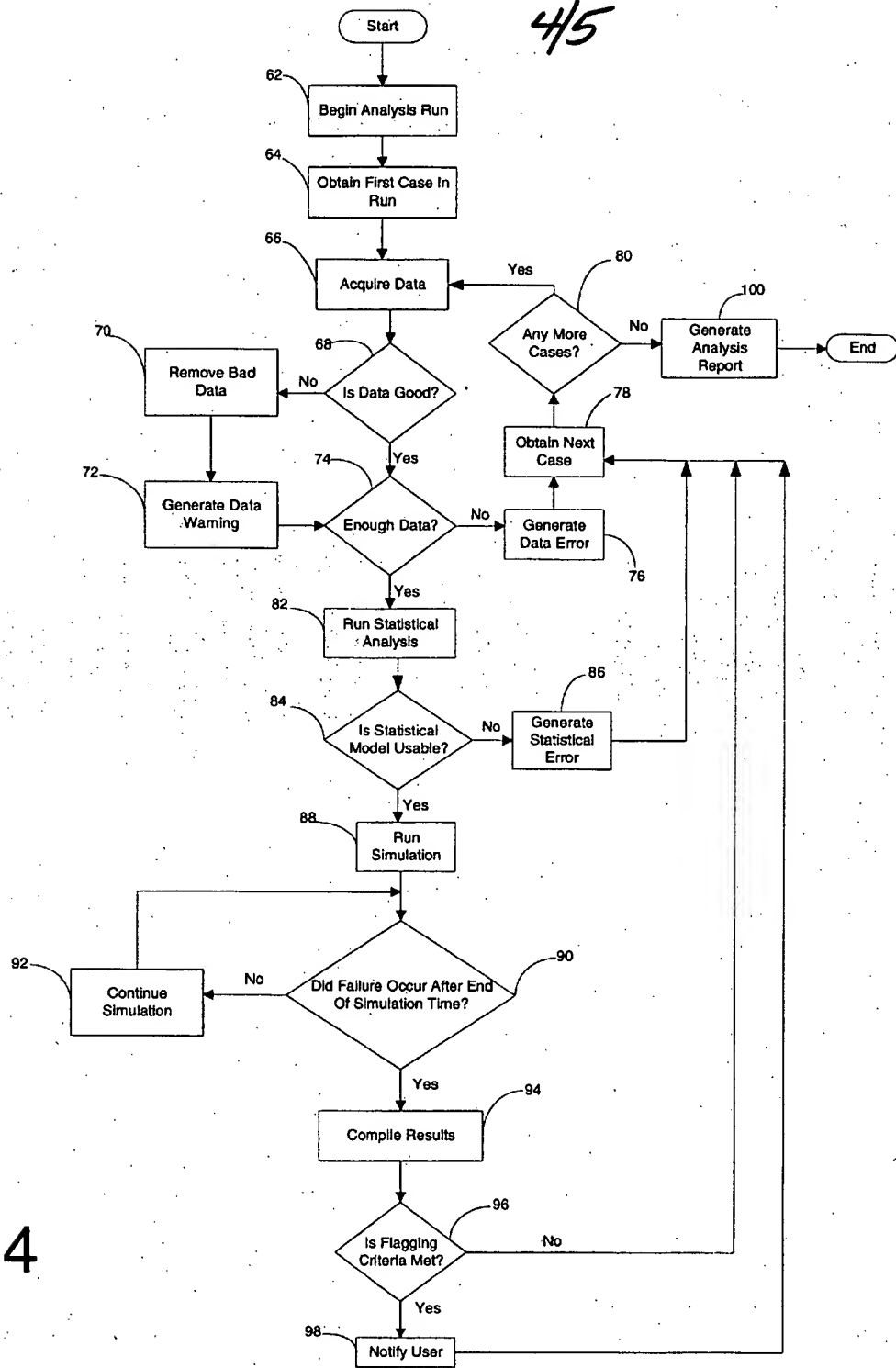


Fig. 4

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# OUTPUT OF FLAGGED

Early Warning System				
Data Inputs				
File:	C:\My Documents\INTERCOOLERS new\Intercooler data.xls			
Workbook:	on INTERCOOLERS new\Intercooler data.xls			
Worksheet:	Intercooler data all flows no plot			
Customer:	CNR			
Model:	D1			
Flow(s):	3, 4, & 5			
RU Code(s):	8701			
RU Description:	Automatic			
Recovering Sub-System:	Radiator			
Data Range				
Start Date:	28	11	1993	
End Date:	28	11	1993	
Expectation Inputs				
Expected F/S	0.0115			
Simulation Inputs				
Periods	100			
Data	180			
Number of Life Cycles	410			
Number of CB Iterations	1000			
Weibull Parameter Estimates				
Est.	1.6			
Output Summary				
F/S	0.0115			
Periods				
Period 1	Period 2	Period 3	Period 4	
Failures	19.61	21.66	23.18	24.26
F/S	0.0111	0.0133	0.0281	0.0288
Failure Details				
Period 1	Period 2	Period 3	Period 4	
Failures	19.61	21.66	23.18	24.26
Lower 9%	12.00	15.00	15.00	17.00
Upper 9%	27.00	29.00	31.00	32.00
F/S Density				
Period 1	Period 2	Period 3	Period 4	
F/S	0.0111	0.0133	0.0281	0.0288
Lower 9%	0.0181	0.0177	0.0177	0.0173
Upper 9%	0.0258	0.0251	0.0251	0.0250

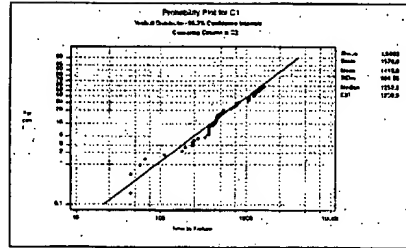
Recap  
Input  
Data

Weibull  
Parameters

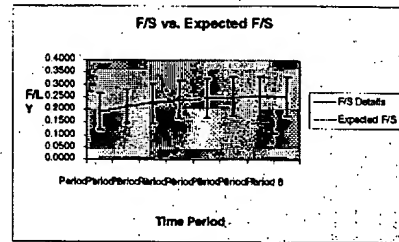
Time  
Period

Failures

Failure/System



WeibullPlot



Predictions v.s. Expected over

Fig. 5

109150" 25918960